

Ship DEC 17

Work Order ID 127074

127074

Page 1

Item ID: D412-791-047

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14 Start Qty: 1.00

1

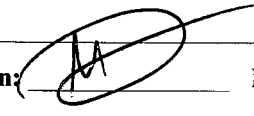
Cust Item ID:

Required Date: 12/19/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: 

Date: 14-12-04

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool # Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN-D412-791

D



100

Document Control

0.00

100

DC

Memo

0.00

DAS
06
9-89

Doc. Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D412-791-047
CHG 002

DEC 17 2014

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

DAS
26
9-89

DEC 09 2014

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
06
9-89

DEC 17 2014

Work Order ID 127074

Friday, December 05, 2014 3:17:03 PM

127074

Page 2

Item ID: D412-791-047

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 12/19/14 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

0.00

130

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D412-791-047

Location: Q20 Ship

PPP rev: _____

DAS
06
9-09

DEC 17 2014

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

14/12/17 DFMF
14-12-17

Picklist Print

Friday, December 05, 2014 3:18:23 PM

Page 1

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysstem

Start Date: 12/08/14

Required Date: 12/19/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: New issue DD verified by:EC
11.09.12 @ chg 002 DD verf:EC

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
18-200 *18-200* Quick Connector, Plug		Purchased	No			110	Each	6.0000	1	1			DAS 26 9-89 46 9-89

DAS
86
9-89

Location

Loc Qty

Loc Code

ST562

6

120527

6

1N4007 Purchased No

110

Each

21.0000

6

1N4007

DIODE replace alt 1N4007 02/14/12/10

DAS
86
9-89

Location

Loc Qty

Loc Code

CA

9

m129682

9

ST556

12

m126849

12

80-004-2-6 Purchased No

110

Each

2,089.000

3

80-004-2-6

Insert

DAS
86
9-89

Location

Loc Qty

Loc Code

ST563

2089

124720

1546

124747

250

124934

157

m125841

136

DAS
46
9-89

DEC 10 2014

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Friday, December 05, 2014 3:18:23 PM

Page 2

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14

Required Date: 12/19/14

Start Qty: 1.00

Required Qty: 1.00

D3896-1

Manufactured No

110

Each

4.0000

2 2

D3896-1

Relay

DAS
06
9-89

Location

Loc Qty

Loc Code

ST064

4

105390

1

109577

2

69066

1

D3897-1

Manufactured No

110

Each

2.0000

1 1

D3897-1

Angle

DAS
06
9-89

Location

Loc Qty

Loc Code

ST064

2

64122

2

LED-50-17-BG-E0705

Purchased No

110

Each

1.0000

1 1

LED-50-17-BG-E0705

Annunciator

DAS
06
9-89

Location

Loc Qty

Loc Code

st555

1

116515

1

M12883/45-01

Purchased No

110

Each

3.0000

1 1

M12883/45-01

Relay Base

DAS
06
9-89

Location

Loc Qty

Loc Code

ST260

3

116175

3

DAS
26
9-89

DAS
26
9-89

DAS
26
9-89

DAS
26
9-89
DEC 10 2014

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design ☐									
Doc/Data ☐									
Equip/Tooling ☐									
Handling/Pre ☐									
Material ☐									
Operator ☐									
Offset/Setup ☐									
Process ☐									
Supplier ☐									
Training ☐									
Transport ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Friday, December 05, 2014 3:18:23 PM

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14

Required Date: 12/19/14

Start Qty: 1.00

Required Qty: 1.00

M81714/16-3

Purchased

No

110

Each

3.0000

1 1

M81714/16-3

Terminal Blocks track

**

DAS 28 9-89
46

DAS 86 9-89

Location

Loc Qty

Loc Code

ST557

3

116094

1

116301

2

M81714/2-DC1

Purchased

No

110

Each

7.0000

2 2

M81714/2-DC1

Terminal Blocks

**

DAS 28 9-89
46

DAS 86 9-89

Location

Loc Qty

Loc Code

ST557

7

116175

2

m128121

5

M81714/2-DD2

Purchased

No

100

Each

3.0000

1 1

M81714/2-DD2

Terminal Blocks

**

DAS 28 9-89
46

DAS 86 9-89

Location

Loc Qty

Loc Code

ST557

3

114991

1

116175

2

M83536/2-024

Purchased

No

110

Each

3.0000

1 1

M83536/2-024

Relay

**

DEC 10 2014
DAS 28 9-89
46

DAS 86 9-89

Location

Loc Qty

Loc Code

ST558

3

112718

1

116175

2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 4

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14

Required Date: 12/19/14

Start Qty: 1.00

Required Qty: 1.00

MS21042L06

Purchased

No

110

Each

358.0000

2 2

MS21042L 06

Nut

DAS
86
9-89

Location

Loc Qty

Loc Code

ST305

358

m127304

1

m129499

157

m130325

200

**

DAS

46

9-89

DAS
26
9-89

MS21042L08

Purchased

No

110

Each

1,880.000

4 4

MS21042L 08

Nut

DAS
86
9-89

Location

Loc Qty

Loc Code

ST304

1880

123900

1

125445

250

m127304

99

m127410

44

m128401

715

m128429

69

m129541

102

m130325

600

**

DAS

46

9-89

DAS
26
9-89

MS24524-23

Purchased

No

110

Each

5.0000

1 1

MS24524-23

Switch

DAS
86
9-89

Location

Loc Qty

Loc Code

CA

3

m129747

3

ST294

2

m126338

2

**

DAS

46

9-89

DEC 0.9 2014

DAS
26
9-89

Friday, December 05, 2014 3:18:23 PM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Friday, December 05, 2014 3:18:23 PM

Page 6

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14

Required Date: 12/19/14:

Start Qty: 1.00

Required Qty: 1.00

MS24524-31

Purchased

No

110

Each

8.0000

1

1

MS24524-31

Switch, DPDT

DAS
06
9-89

Location

Loc Qty

Loc Code

ST323

8

m126826

8

110

Each

129.0000

2

2

**

**

DAS
46
9-89

DAS
26
9-89

MS24693-S26

Purchased

No

MS24693-S26

Screw

DAS
06
9-89

Location

Loc Qty

Loc Code

ST292

129

112019

29

112719

100

110

Each

89.0000

15

15

**

DAS
46
9-89

DAS
26
9-89

MS25036-102

Purchased

No

MS25036-102

Terminal Lug

DAS
06
9-89

Location

Loc Qty

Loc Code

ST286

89

112990

5

116143

84

110

Each

77.0000

4

4

**

DEC 09 2014

DAS
46
9-89

DAS
26
9-89

MS27039-08-14

Purchased

No

MS27039-08-14

Screw

DAS
06
9-89

Location

Loc Qty

Loc Code

ST281

77

m126474

77

**

DAS
46
9-89

DAS
26
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Friday, December 05, 2014 3:18:24 PM

Page 6

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14

Required Date: 12/19/14

Start Qty: 1.00

Required Qty: 1.00

MS35207-260

Purchased

No

110

Each

79.0000

3

3

MS35207-260

Screw

**

DAS
26
9-89
46
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST276

79

112719

79

NAS1149D0363J

Purchased

No

110

Each

1,789.000

3

3

NAS1149D0363.J

Washer

**

DAS
26
9-89
46
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

GA

7

124392

7

ST260a

600

m130799

600

ST269

1182

m123441

5

m126319

245

m128429

897

m130358

35

NAS1149DN632J

Purchased

No

110

Each

277.0000

2

2

NAS1149DN632.J

Washer

**

DAS
26
9-89
DEC 09 2014
46
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

CA

46

M129682

46

ST270

231

M126084

11

M127255

100

M128812

120

Friday, December 05, 2014 3:18:24 PM

Shop Packet Print

Page 6

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Friday, December 05, 2014 3:18:24 PM

Page 8

Work Order ID: 127074

127074

Parent Item: D412-791-047

D412-791-047

Parent Item Name: Pitot Heat Monitoring Sysytem

Start Date: 12/08/14

Required Date: 12/19/14

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN832J

Purchased

No

110

Each

689.0000

8

8

NAS1149DN832.J

Washer

DAS
46
9-89

DAS
26
9-89

DAS
86
9-89

Location

Loc Qty

Loc Code

MF4

204

M129541

204

ST260a

145

124555

145

ST270

340

M128948

127

M126319

11

M127255

4

M128429

145

M129499

53

Sk

HW210

Purchased

No

110

Each

2.0000

1

1

DEC 09 2014

HW210

Resistor, 1K Ohms

DAS
46
9-89

DAS
26
9-89

DAS
86
9-89

Location

Loc Qty

Loc Code

ST554

2

113331

1

114971

1

1x

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design ☐									
Doc/Data ☐									
Equip/Tooling ☐									
Handling/Pre ☐									
Material ☐									
Operator ☐									
Offset/Setup ☐									
Process ☐									
Supplier ☐									
Training ☐									
Transport ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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DART AEROSPACE LTD.

DAS
06
9-89

IIN-D412-791

Page 32 of 33

REFERENCE ONLY

7.0 PARTS LIST

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE
1	X					D412-791-041	FLASHLIGHT KIT
1		X				D412-791-043	MAPBOX KIT
1			X			D412-791-045	EXIT ILLUMINATION KIT
1				X		D412-791-047	PITOT HEAT MONITORING KIT
1					X	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT
	2					D3921-1	FLASHLIGHT
	4					D3922-1	CLIP
	2					D3923-1	ANGLE
	4					D3924-1	SHIM
	8					MS20426AD3-6	RIVETS
	6					MS20470AD4-5	RIVET
	4					MS21059-L3	ANCHOR NUT
	4					MS35207-264	SCREW
		1				D3936-041	MAPBOX
		4				MS35207-244	SCREW
			16			D3937-041	PHOTOLUMINESCENT STRIPS
			90			D3950-1	RIVET (INCLUDES 10 EXTRA)
				1		18-200	CONNECTOR
				6		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				2		D3896-1	RELAY
				1		D3897-1	ANGLE
				1		LED-50-17-BG-E0705	ANNUNCIATOR
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS

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Revision: D

Date: 13.02.01

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08	NUT
				1		MS24524-23	SWITCH, DPDT
				1		MS24524-31	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102	TERMINAL LUGS, #6
				4		MS27039-0814	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				8		NAS1149DN832J	WASHER
				1		HW210	RESISTOR, 1K OHMS
				1		18-200	CONNECTOR
				5		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				1		D3897-1	ANGLE
				1		D3938-1	DECAL
				1		LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				2		MS24693S26	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				1		HW210	RESISTOR, 1K OHMS

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Revision: D

Date: 13.02.01

Work Order ID 127074

127074

Page 1

Friday, December 05, 2014 3:17:03 PM

Item ID: D412-791-047

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Pitot Heat Monitoring Sysstem

Stop *NS2*

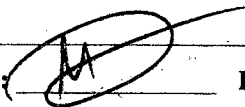
Start Date: 12/08/14 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 12/19/14 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan:  Date: 14-12-04

Tooling:

Date:

Run Start *NR1*

QC: Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr	
IIN-D412-791	D	

100 Document Control 0.00

100

DC Memo 0.00

MLJ 14-12-09

Doc. Control: USB or Paperwork Photocopy bluefile & type labels per PPP D412-791-047
CHG 002

110 Pick Kit 0.00

110

Packaging Memo 0.00

Packaging

IX, DAS 26 9-88 DEC 09 2014

120 QC4- 100% Inspect kits for completeness 0.00

120

QC Memo 0.00

Quality Control